

## Eco-vocational consciousness formation model of a specialist in modern mega polis

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### Abstract

© Authors. The purpose of the paper is to substantiate theoretically and experimentally the model of integration of environmental and vocational training, which determines the way of formation of eco-vocational consciousness of students, future specialists. The leading method of research of this problem is modeling, which enables to consider this problem as a process of purposeful formation of eco-vocational consciousness of a specialist. The paper presents the model of integration of ecological and vocational training with the aim to form an eco-vocational consciousness of a specialist in a modern mega polis. Factors and conditions for the formation of a specialist's eco-vocational consciousness are revealed; an algorithm for implementing this model has been developed. The model is aimed at the integration of environmental and vocational training and is focused on the development of scientific and methodical maintenance to create eco-vocational consciousness of students, future specialists.

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### Keywords

Eco-vocational consciousness, Model of integration of ecological and vocational training, Structural components of eco-vocational consciousness

### References

- [1] Cherdymova, E.I., & Sorokina T.M. (2013). Organizational and psychological support for the formation of eco-professional consciousness of students. Samara: Publishing House "Samara University"
- [2] Akopov, G.V. (2010). Psychology of Consciousness: Issues of Methodology, Theory and Applied Research. Moscow: Institute of Psychology, Russian Academy of Sciences
- [3] Panov, V.I. (2006). Introduction to environmental psychology: a tutorial. Moscow: School Technology
- [4] Panov, V.I. (2011). Communication: ecopsychological approach. Psychology of communication. Encyclopedic dictionary. Moscow: Establishment of the Russian Academy of Education. Psychological Institute
- [5] Yasvin V.A. (2007). Interaction with nature. Methods of diagnosing motivations. Ecology and life, 5, 37-39
- [6] Yasvin, V.A. (2000). Psychology of attitude to nature. Moscow: Sense
- [7] Deryabo, S.D. (1996). Ecological pedagogics and psychology, Rostov-on-Don: Phoenix
- [8] Ajzen, I. (1991). The theory of planned behavior. Organizational Behavior and Human Decision Processes, 1, 110-211
- [9] Fishbein, M. (2010). Predicting and changing behavior: The reasoned action approach. New York: Psychology Press
- [10] Ganzen, V.A. (1989). Systematic of thought images. Psychological journal, 10(2), 12-21

- [11] Rubinshtein, S.L. (1957). Genesis and consciousness: about the place of the psychic in the universal interconnection of the phenomena of the material. Moscow: Academy of Sciences of the USSR
- [12] Vygotsky, L.S. (1983). Problems of psyche development, under ed. of I.M. Matyushkin. Moscow: Pedagogy
- [13] Zinchenko, V.P. (2009). Psychology of consciousness: experience of understanding. Developmental and educational psychology: theory and practice: collection of scientific papers. Irkutsk: Publishing house of Irkutsk State Pedagogical University, 2-32
- [14] Ermolaeva, P. (2016). The Ecological Culture of Russian and American College Students. Russian Education and Society, 56(1), 19-33
- [15] Sidelnikova, T.T. (2016). The Potential and Limitations of Visualization as a Method in Learning Social Sciences and Humanities. Integration of Education, 20(2), 281-292
- [16] The Great Soviet Encyclopedia, 1969-1978, Moscow: Soviet Encyclopedia
- [17] Bekhterev, V.M. (1888). Consciousness and its boundaries. Kazan: Printing house of the Imperial University
- [18] Deryabo, S.D. (1995). Environmental education in an environmental crisis. Teacher about the ecology of childhood. Chernogolovka: The Center for Complex Formation of the Personality of the Russian Academy of Education, 16-31
- [19] Jaspers K. (2012). Philosophical orientation in the world; Philosophy. Book 2. Enlightenment of Existence, Trans. from germ. A.K. Sudakova. Moscow: Kanon + ROOI "Rehabilitation"
- [20] Gagarin, A.V. (2000). Education by nature. Some aspects of humanization of environmental education and training. Moscow: Moscow City Psychological and Pedagogical Institute
- [21] Ivashchenko, A.V., Panov V.I., & Gagarin A.V. (2008). Ecological-orientation world view of the person. Moscow: Peoples' Friendship University of Russia
- [22] Reimers, N.F. (1992). Hopes for the survival of mankind: Conceptual ecology. Moscow: Young Russia
- [23] Skrebets, V.O. (1998). Ecological psychology. Training manual. Kiev: Interregional Academy of Personnel Management (IAPM)
- [24] Nechaev, N.N. (1997). The concept of continuing education as a theoretical basis for innovations in pre-vocational and vocational training. Innovations in vocational training of youth in Russia and Germany (experience and development trends), 1, 68-154
- [25] Yegorshin, A.P. (1997). Personnel Management. Irkutsk: Irkutsk State Pedagogical University
- [26] Mitin, A.N. (2016). Mechanisms of management. Yekaterinburg: Publishing house "Ural State Law Academy"
- [27] Kibanov, A. Ya. (2005). Personnel management of the organization. Moscow: INFRA-M